



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

more happy recipient of this bronze token than our friend Durand. During his career he accumulated an herbarium which, though not remarkably large, was of great value. It probably contained a more complete set of Nuttall's collections than any other, not excepting the herbarium of the Academy. In 1868 he carried out his long cherished intention of depositing this herbarium in the Paris Museum, and made a voyage to France almost solely for that purpose. We regret that our friend had not sufficient American feeling to allow his herbarium to remain in the country where it would be most useful. In his will he directed that specimens he had accumulated since 1868 should be incorporated with the main collection. His botanical library he directed to be deposited in the herbarium room of the Academy, where it can be available for the working botanists, who have heretofore been obliged to go to the general library for works of reference.

Mr. Durand was personally an exceedingly courteous and genial gentleman, who probably did as much for botany by the encouragement he gave others, as by any direct contributions he made himself.

§ 55. *New Species of Fungi*, by W. R. GERARD. *No. I.*

Acidium Nesææ, *n. sp.*—*Spermogonia*.—*Spermogonia* situated on a thickened yellowish spot, on the upper surface of the leaves, opposite the clusters of peridia. *Protospores*.—Perithecia densely aggregated, seated on a greatly thickened subiculum, either in circinating or elongated clusters; spores orange yellow, .0007' in diameter.

On leaves and stems of *Nesæa verticillata*, greatly distorting them. Where it attacks the stems it forms large gall-like excrescences, from one to three inches in length, and about three-quarters of an inch thick, variously twisting the stems and very often bending them nearly double; on these excrescences the peridia are closely arranged in parallel lines.—Poughkeepsie, Aug.—Oct.

Trichobasis Hyperici, *n. sp.*—Sori roundish, minute, reddish-brown, surrounded by the ruptured epidermis; scattered extensively over both surfaces of the leaf. Spores brown, ovoid, rugose; .001' long.

On both surfaces of leaves of *Hypericum corymbosum*. It is probable that this is the primary form of *Uromyces Hyperici* Schw.—Poughkeepsie, August and September.

Sphæropsis Averyana, *n. sp.*—Epiphyllous; spots dark-brown, perithecia circinating, each seated on a dense white mycelium; spores rod-shaped, hyaline, .0003' long.

On leaves of *Richardia Aethiopica*, in the fernery of Dr. Avery of Vassar College, Poughkeepsie, July.

Discos a maculaecola, *n. sp.*—Spots orbicular, white, circumscribed by a dark brown line. Perithecia flattened, rugose-plicate, sometimes scattered over the spots, but oftener seated near the circumference. Spores 3-septate, obliquely aristate at each extremity; .0006' long.

On the upper surface of living leaves of *Smilax rotundifolia*.

Poughkeepsie, Summer and Autumn. This species has the aspect of a *Septoria* or *Phyllosticta*.

Septoria Verbenae, *n. sp.*—Epiphyllous; spots minute, orbicular, white; perithecia few, minute, scattered over the spots; spores long, thread-shaped, very-pale yellow, filled with a row of nucleoli, .0024' long.

On leaves of *Verbena hastata*. Poughkeepsie, Autumn.

Peziza chrisophthalma, *n. sp.*—Small, sessile, margin raised, disk at first concave, at length convex. Asci clavate, .01' long; paraphyses clavate, filled with orange-yellow granules; spores broadly oval, .001' by .0006', with a single nucleus. Whole plant deep orange-yellow, about one line in diameter.

On damp earth, among mosses, in gardens. September, Poughkeepsie.

Uncinula geniculata, *n. sp.*—Hypophyllous; mycelium in roundish spots, or sometimes covering nearly the whole surface; persistent. Conceptacles, .004' in diameter; appendages 30-40, one and a half times the length of the diameter of the conceptacles; sporangia 5-8, ovate, rostrate; spores 6.

The appendages have a tendency to become angularly bent, whence the specific name.

On *Morus rubra*. August—October. Poughkeepsie.

§ 56. **The Connecticut Valley Botanical Society**—held its first annual meeting at Amherst, Mass., Oct. 1.

This is a new society, numbering about twenty members, ladies and gentlemen.

President—Prof. C. H. Hitchcock, Hanover, N. H.

Vice-President—Rev. H. G. Jesup, Amherst, Mass.

Secretary—Mrs. M. L. Owen, Springfield, Mass.

It is designed as a bond of Union among the lovers of Botany throughout the Connecticut valley, both for general study of the science and to ensure a more thorough acquaintance with the flora of this most interesting portion of New England. H. G. J.

§ 57. **Cyperaceæ**—We want much more material before entering upon our list of this order.

§ 58. **Hepaticæ Exsiccataæ**—Mr. Austin informs us that he is now printing for this work. It will contain over 170 numbers, and will be accompanied with a pamphlet like the "Musci." The price will be for the present \$15 (never less).

§ 59. **List of Botanists**.—We shall do all in our power to get this ready for the next number of the Bulletin. We hope that those who have information which they have not furnished will give it without delay. Our field is North America and the West Indies.

§ 60. The sketch of Mr. Durand is, in the main, a paper read to the Club by its President. We have added a few facts for which we are chiefly indebted to the kindness of Mr. Thomas Meehan. The faults are our own.

Terms—One dollar for one copy; five dollars for seven; and half a dollar for every additional copy per annum.

Local Herbarium, 3, E. 33d St.—Editor, 224, E. 10th St.

The Club meets regularly the last Tuesday of the month in the Herbarium, Columbia College, at 7½ P.M.